

**National Aeronautics and Space Administration  
Armstrong Flight Research Center  
Edwards, California 93523**

**Limited Source Justification**

1. In accordance with 8.405-6, this document is a limited source justification prepared by the NASA Armstrong Flight Research Center (AFRC) Acquisition Management Office. It is also conducted under the authority of the multiple award schedule program. We recommend that the Government acquire the services described below on a limited source basis.

2. **Nature and/or description of the action being approved.**

This justification provides the rationale for restricting consideration to SIMPLEXGRINNELL LP, 1501 Yamato Rd. Boca Raton, FL 33486-1002, for repairing malfunctioning Simplex Grinnell fire alarm components under GSA Contract GS-07F-0396M.

3. **A description of the supplies or services required to meet the agency's needs (including the estimated value):**

Simplex Grinnell will supply parts and labor to replace/repair the deluge control system at NASA AFRC Building 703 located in Palmdale, CA. Parts would include fire alarm panel components, fire alarm monitoring modules, fire alarm power units and other fire alarm components. Labor would include the removal of the existing components, installation of the new components, design, permitting and project management of the replaced components. The estimated value for this effort is \$408,000.00.

4. **Identification of the justification rationale (see 8.405-6(a) and (b)) and, if applicable, a demonstration of the proposed contractor's unique qualifications to provide the required supply or service:**

The current fire alarm system and peripheral equipment are proprietary to Simplex Grinnell. The deluge control panel is separate from the building fire alarm control panel which is also a Simplex Grinnell product. Simplex Grinnell has rights to the data and components that make their system compatible with each other. The new deluge control panel will need to be compatible with the existing equipment at Building 703. The panels will be networked together and must communicate with each other digitally for the system to work properly. Simplex Grinnell fire alarm systems/items cited above are used campus-wide at NASA AFRC and Building 703 for consistency, compatibility and sustainability. Simplex Grinnell is the only company authorized, trained, and certified to work on the existing campus-

wide proprietary fire alarm system. All new, repaired and remodeled fire alarm systems, equipment, devices and software programming must be installed, configured, operated, and maintained so as to maintain full reliability and operational functions of the existing systems. Continued use of this proprietary hardware and software is essential for the safety of NASA AFRC personnel and property.

**5. A determination by the ordering activity contracting officer that the order represents the best value consistent with 8.404(d).**

Pursuant to FAR 8.404(d), GSA pricing has already been determined to be fair and reasonable. However, per Procurement Information Circulars (PICs) 14-01, contracting officer is required to make independent fair and reasonable price determination. Therefore, additional price analysis will be conducted upon the receipt of the proposal.

**6. A description of the market research conducted among schedule holders and the results or a statement of the reason market research was not conducted:**

Market research was performed. The Government conducted searches for other companies who can install compatible equipment and maintain the mandated certifications required for the fire alarm panels. This research indicated that Simplex Grinnell is the only available source.

**7. Any other facts supporting the justification.**

Because Simplex Grinnell is the only source capable of providing the parts and labor required for this procurement, any efforts to competitively bid these products and services would require prime contractor to subcontract to Simplex Grinnell in order to accomplish these tasks. This is assuming Simplex Grinnell is willing to enter into a subcontract agreement with any other contractor. A prime/subcontract arrangement would result in an estimated additional cost of about 20 percent.


**8. A statement of the actions, if any, the agency may take to remove or overcome any barriers that led to the restricted consideration before any subsequent acquisition for the supplies or services is made:**

The Government will continue to conduct market research to ascertain if there are changes in the marketplace that would enable future actions to be competed. Should Simplex Grinnell train or supply other third party vendors to enable them to support Simplex Grinnell equipment, they will be considered in the future. Furthermore, pursuant to FAR 8.405-6(a)(2), this justification will be posted at GPE after issuance of the award and supported by a limit-source justification.


Technical Officer: I certify that the supporting data presented in this justification are accurate and complete.


  
\_\_\_\_\_  
Contracting Officer Technical Representative      12-2-14  
Date


Contracting Officer: I hereby determine that the anticipated cost to the Government will be fair and reasonable and certify that this justification is accurate and complete to the best of my knowledge and belief.

  
\_\_\_\_\_  
Contracting Officer      12/4/14  
Date

Legal Representative:

  
\_\_\_\_\_  
Signature      12/4/14  
Date

 Procurement Officer:

  
\_\_\_\_\_  
Signature      12/4/14  
Date